

#### REMARKS

The applicants consider that an interview would be helpful in the present application, and the applicants' representatives will attempt to contact the Examiner in the near future to schedule an interview. However, should the Examiner be ready to act on the present amendment before an interview has been scheduled, it is respectfully requested that the Examiner contact the undersigned attorney to schedule an interview prior to issuing another Office Action if the amendment does not place the application in condition for allowance.

The specification and claims 12, 16, and 21 have been amended, claim 19 has been cancelled, and new claims 24-32 have been added. Claims 12-18 and 20-32 are pending, with claims 12, 16, and 21 being independent.

Attached hereto is an Appendix entitled "Version with Markings to Show Changes Made" which is a marked-up version of the portions of the application which have been amended by the present amendment, with brackets indicating deleted matter and underlining indicating added matter.

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The drawings were objected to by the PTO draftsman for the reasons set forth on the form PTO-948 attached to the Office Action of June 20, 2001. The applicants traversed this objection in the paper entitled "Letter to the Official Draftsman Traversing Objection to Drawings on Form PTO-948" filed on October 22, 2001. However, on page 14 of the Office Action of December 26, 2001, the Examiner has indicated that

this objection has been maintained for the reasons set forth on page 14 of the Office Action of December 26, 2001.

Submitted herewith is a paper entitled "Letter to the Official Draftsperson Traversing Objection to Drawings on Form PTO-948" in which the applicants have once again traversed the PTO draftsperson's objection to the drawings in light of the explanation of this objection provided by the Examiner on page 14 of the Office Action of December 26, 2001, and it is respectfully requested that the application be forwarded to the PTO draftsperson for review of this paper before the Examiner issues another Office communication so that the Examiner can advise the applicants of the PTO draftsperson's decision in the next Office communication.

Jpr { Information Disclosure Statements (IDSes) were filed on October 15, 1999, November 24, 1999, and October 22, 2001. The IDSes of October 15, 1999, and October 22, 2001, included forms PTO-1449, but the IDS of November 24, 1999, did not include a form PTO-1449.

The Office Action of June 20, 2001, includes a copy of the form PTO-1449 from the IDS of October 15, 1999, marked by the Examiner to indicate that all of the cited references have been considered.

The Office Action of December 26, 2001, includes a copy of the form PTO-1449 from the IDS of October 22, 2001, marked by the Examiner to indicate that all of the cited references have been considered.

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However, neither the Office Action of June 20, 2001, nor the Office Action of December 26, 2001, indicate that the IDS of November 24, 1999, has been considered, or otherwise specifically refer to the IDS of November 24, 1999.

In item 3 in the "Attachment(s)" section on page 1 (the Office Action Summary) of the Office Action of June 20, 2001, the Examiner has indicated that "Information Disclosure Statement(s) (PTO-1449) Paper No(s) 2, 4" are attached to the Office Action of June 20, 2001. "Paper No. 2" is presumably the IDS of October 15, 1999. Perhaps "Paper No. 4" is the IDS of November 24, 1999. In any event, nothing relating to the IDS of November 24, 1999, was attached to the Office Action of June 20, 2001.

Also, in item 6 in the "Attachment(s)" section on page 1 (the Office Action Summary) of the Office Action of December 26, 2001, the Examiner has stated "See Continuation Sheet". Attached to page 1 (the Office Action Summary) of the Office Action of December 26, 2001, is a continuation sheet which reads as follows:

OK

Continuation of Attachment(s) 6). Other:  
copy of INFORMATION DISCLOSURE  
STATEMENTET, paper # 4.

Perhaps "paper # 4" is the IDS of November 24, 1999. In any event, nothing relating to the IDS of November 24, 1999, was attached to the Office Action of December 26, 2001.

Accordingly, it is respectfully requested that the Examiner specifically indicate on the record in the next

Office communication that the IDS of November 24, 1999, has been considered.

Dependent claim 19 has been cancelled.

Independent claims 12, 16, and 21 have been amended to more clearly define the present invention, with independent claim 12 also being amended to include features which were recited in cancelled claim 19 which depended from independent claim 12.

New dependent claims 24-32 depending from independent claims 12, 16, and 21 have been added to recite further features of the present invention.

Claims 12, 14-16, and 18-20 were rejected under 35 USC 103(a) as being unpatentable over Lawler et al. (Lawler) (U.S. Patent No. 5,585,838) in view of Bedard (U.S. Patent No. 5,793,438).

Claims 13 and 17 were rejected under 35 USC 103(a) as being unpatentable over Lawler in view of Bedard and Chang et al. (Chang) (U.S. Patent No. 5,602,563).

Claims 21 and 23 were rejected under 35 USC 103(a) as being unpatentable over Alten et al. (Alten) (U.S. Patent No. 5,635,978) in view of Bedard.

Claim 22 was rejected under 35 USC 103(a) as being unpatentable over Alten in view of Bedard and Chang.

The rejection of claim 19 has been rendered moot by the cancellation of claim 19.

The rejections of claims 12-18 and 20-23 are respectively traversed insofar as the rejections may be deemed to be

application to claims 12-18 and 20-23 in their present form and to new claims 24-32.

design claim { Independent claim 12 now recites a digital broadcasting receiver which displays video or a plurality of character information strings of programs when receiving digital broadcasting, comprising an omission display controller which omits a part of a character information string of a particular program when a number of characters in the character information string of the particular program is larger than a number of characters which can be displayed in a first prescribed zone, and a full display controller which displays, in response to a predetermined selection, an entirety of the character information string of the particular program in a second prescribed zone, and a program start time and a program end time of the particular program in a third prescribed zone outside the second prescribed zone.

design claim { Independent claim 16 now recites a digital broadcasting receiver which displays video or a plurality of background information blocks indicative of program time when receiving digital broadcasting, comprising a display change controller which changes a background information block indicative of program time when the background information block indicative of program time cannot be displayed in full in a first prescribed zone, and a full display controller which displays, in response to a predetermined selection, full program time information of the changed background information block indicative of program time in a second prescribed zone,

wherein the second prescribed zone is constantly displayed at a fixed position.

Independent claim 21 now recites a digital broadcasting receiver which displays video or a plurality of background information blocks each indicative of a program time period when receiving digital broadcasting, comprising a display change controller which changes a displayed shape of a particular background information block indicative of a program time period when the program time period indicated by the particular background information block exceeds a program time period which can be displayed in a first prescribed zone, and a full display controller which displays, in response to a predetermined selection, a program start time and a program end time of the program time period indicated by the particular background information block in a second prescribed zone, wherein the second prescribed zone is constantly displayed at a fixed position.

New dependent claim 24 recites a digital broadcasting receiver according to claim 12, wherein neither the second prescribed zone nor the third prescribed zone overlaps any part of the first prescribed zone.

New dependent claim 25 recites a digital broadcasting receiver according to claim 12, wherein the second prescribed zone is constantly displayed at a first fixed position, and wherein the third prescribed zone is constantly displayed at a second fixed position different from the first fixed position.

New dependent claim 26 recites a digital broadcasting receiver according to claim 25, wherein neither the second prescribed zone nor the third prescribed zone overlaps any part of the first prescribed zone.

New dependent claim 27 recites a digital broadcasting receiver according to claim 16, wherein the second prescribed zone does not overlap any part of the first prescribed zone.

New dependent claim 28 recites a digital broadcasting receiver according to claim 16, wherein the full display controller further displays, in response to the predetermined selection, an entirety of a character information string of a program associated with the changed background information block in a third prescribed zone outside the second prescribed zone, wherein the second prescribed zone is constantly displayed at a first fixed position, and wherein the third prescribed zone is constantly displayed at a second fixed position different from the first fixed position.

New dependent claim 29 recites a digital broadcasting receiver according to claim 28, wherein neither the second prescribed zone nor the third prescribed zone overlaps any part of the first prescribed zone.

New dependent claim 30 recites a digital broadcasting receiver according to claim 21, wherein the second prescribed zone does not overlap any part of the first prescribed zone.

New dependent claim 31 recites a digital broadcasting receiver according to claim 21, wherein the full display controller further displays, in response to the predetermined

selection, an entirety of a character information string of a program associated with the particular background information block in a third prescribed zone outside the second prescribed zone, wherein the second prescribed zone is constantly displayed at a first fixed position, and wherein the third prescribed zone is constantly displayed at a second fixed position different from the first fixed position.

New dependent claim 32 recites a digital broadcasting receiver according to claim 31, wherein neither the second prescribed zone nor the third prescribed zone overlaps any part of the first prescribed zone.

It is submitted that Lawler, Bedard, Chang, and Alten do not disclose or suggest the features of claims 12, 16, 21, and 24-32 which are underlined above.

Since Lawler, Bedard, Chang, and Alten do not disclose or suggest the features of claims 12, 16, 21, and 24-32 discussed above, it is submitted that claims 12, 16, 21, and 24-32 and claims 13-15, 17-18, 20, and 22-23 depending from claims 12, 16, and 21 patentably distinguish over Lawler, Bedard, Chang, and Alten in the sense of 35 USC 103(a), and it is respectfully requested that the rejections of claims 13-18 and 20-23 under 35 USC 103(a) as being unpatentable over Lawler, Bedard, Chang, and Alten be withdrawn.

Although dependent claims 13-15, 17-18, 20, and 22-23 are considered to be allowable by virtue of their dependency from allowable independent claims 12, 16, and 21, it is noted that these dependent claims also recite further features of the



present invention which are not seen to be disclosed or suggested by the prior art.

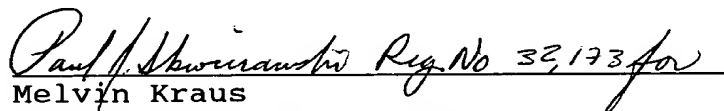
As recognized by the Examiner, the other references cited but not relied upon neither disclose nor suggest the present invention, and thus no further discussion of these other references is deemed necessary at this time.

It is submitted that all of the Examiner's objections and rejections have been overcome, and that the application is now in condition for allowance. Reconsideration of the application and an action of a favorable nature are respectfully requested.

To the extent necessary, the applicants petition for an extension of time under 37 CFR 1.136. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, or credit any overpayment of fees, to the deposit account of Antonelli, Terry, Stout & Kraus, LLP, Deposit Account No. 01-2135 (500.35360CX1).

Respectfully submitted,

ANTONELLI, TERRY, STOUT & KRAUS, LLP

  
Melvin Kraus  
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Attachment